

824 Application Advice

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Notes:

This Standard is the accepted Treasury convention for the Electronic Payment and Collection (EDIPAC) system. The transaction set is used by Treasury to provide notice of the acceptance or rejection of any transaction set created for EDIPAC. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free format.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
	070	REF	Reference Numbers	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
	020	REF	Reference Numbers	O	12		c1
	030	DTM	Date/Time Reference	O	2		
Not Used	040	PER	Administrative Communications Contact	O	3		
	050	AMT	Monetary Amount	O	10		
Not Used	060	QTY	Quantity	O	10		
Not Used	065	N1	Name	O	1		
			LOOP ID - TED			>1	
	070	TED	Technical Error Description	O	1		
	080	NTE	Note/Special Instruction	O	100		
			LOOP ID - LM			>1	

824 - Application Advice

	085	LM	Code Source Information	O	1	n1	
Must Use	086	LQ	Industry Code	M	100		
Must Use	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 824 X12.44 Application Advice	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 06 Confirmation 44 Rejection	M ID 2/2
Must Use	BGN02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN 1/30
Must Use	BGN03	373	Date Date (YYMMDD)	M DT 6/6
			<i>Use to identify the date this transaction set was generated.</i>	
Must Use	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Use to identify the time this transaction set was generated.</i> <i>2. Use of this data element is required.</i>	X TM 4/8
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	BGN06	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O AN 1/30
Must Use	BGN07	640	Transaction Type Code Code specifying the type of transaction <i>Use of this data element is required.</i> BB Billback <i>BB or Billback refers to an 812</i> CA Cash <i>CA or Cash refers to an 820</i> DI Debit Invoice	O ID 2/2

*DI or Debit refers to an 810***Not Used BGN08****306****Action Code**

Code indicating type of action

O ID 1/2

Segment:	N1 Name
Position:	030
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<p><i>The N1 loop must be used twice to identify both the originator and receiver of the transaction set.</i></p> <p><i>The PER segment under the originator loop is the Treasury (not originator) point of contact.</i></p>

Data Element Summary

Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			<ol style="list-style-type: none"> 1. If BGN07 = DI use II and BT 2. If BGN07 = CA use PE and PR 3. If BGN07 = BB use IU and RC 		
			BT Bill-to-Party		
			II Issuer of Invoice		
			IU Issuer		
			PE Payee		
			PR Payer		
			RC Receiving Location		
	N102	93	Name	X	AN 1/35
			Free-form name		
			<i>This information will come from the original transaction set if present.</i>		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			<i>Use of this data element is required.</i>		
			ZZ Mutually Defined		
			<i>Indicates that the data in the N104 element will be an Agency Location Code.</i>		
Must Use	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
			<ol style="list-style-type: none"> 1. The 8 digit Agency Location Code assigned by Treasury. 2. Use of this data element is required. 		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment: **REF** Reference Numbers
Position: 070
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. To provide OPAC DO Symbol reference number.
2. Use this segment when N101 code is II, PR, or IU.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. DX Department/Agency Number	M ID 2/2
			<i>Use to indicate the OPAC DO Symbol.</i>	
Must Use	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
			<i>1. The OPAC DO Symbol of the originator of the original transaction set.</i> <i>2. Use of this data element is required.</i>	
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: PER Administrative Communications Contact**Position:** 080**Loop:** N1**Level:** Heading**Usage:** Optional**Max Use:** 3**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Information contained in this segment will refer to Treasury contacts and telephone numbers. The PER segment will be part of the first N1 loop.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Must Use	PER02	93	Name Free-form name	O AN 1/35
<i>Use of this data element is required.</i>				
Must Use	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
<i>Use of this data element is required.</i>				
Must Use	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
<i>Use of this data element is required.</i>				
Not Used	PER05	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER06	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER07	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER08	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O AN 1/20

Segment:	OTI Original Transaction Identification
Position:	010
Loop:	OTI
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	1 OTI06 is the group date. 2 OTI07 is the group time. 3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
Comments:	1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use OTI01	110	Application Acknowledgment Code Code indicating the application system edit results of the business data GR Functional Group Reject TA Transaction Set Accept TR Transaction Set Reject	M ID 1/2
Must Use OTI02	128	Reference Number Qualifier Code qualifying the Reference Number. <i>OI Original Transaction Set is an 810</i> <i>EM Original Transaction Set is an 820</i> <i>BP Original Transaction Set is an 812</i> BP Adjustment Control Number Identification assigned to an adjustment for future reference <i>Use to indicate a response to an 812 transaction set.</i> EM Electronic Payment Reference Number <i>Use to indicate a response to an 820 transaction set.</i> OI Original Invoice Number <i>Use to indicate a response to an 810 transaction set.</i>	M ID 2/2
Must Use OTI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>1. If OTI02 is code OI, use data from BIG02 of Orig 810.</i> <i>2. If OTI02 is code EM, use data from TRN02 of Orig 820.</i> <i>3. If OTI02 is code BP, use data from BCD02 of Orig 812.</i>	M AN 1/30
Not Used OTI04	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	O AN 2/15
Not Used OTI05	124	Application Receiver's Code Code identifying party receiving transmission. Codes agreed to by trading partners	O AN 2/15

Not Used	OTI06	373	Date Date (YYMMDD)	O	DT 6/6
Not Used	OTI07	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O	TM 4/8
Must Use	OTI08	28	Group Control Number Assigned number originated and maintained by the sender	X	N0 1/9
<i>1. GS06 data from original transaction set.</i>					
<i>2. Use of this data element is required.</i>					
Must Use	OTI09	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	O	AN 4/9
<i>1. ST02 data from the original transaction set.</i>					
<i>2. Use of this data element is required.</i>					
Not Used	OTI10	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	O	ID 3/3
Not Used	OTI11	480	Version / Release / Industry Identifier Code Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	O	AN 1/12

Segment: **REF** Reference Numbers
Position: 020
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. <i>1. Code 07 indicates OPAC document reference number from either an 810 or 820.</i> <i>2. Code VV indicates OPAC voucher number from an 812.</i>	M ID 2/2
			O7 On-line Procurement and Accounting Control (OPAC) Transaction VV Voucher	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>1. All accepted transactions will contain the OPAC document reference number. This element will not be used for rejected transactions.</i>	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **DTM** Date/Time Reference
Position: 030
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>For accepted transactions OPAC will provide the accounting and accomplished dates and time in this element.</i>	M ID 3/3
			009 Process	
Must Use	DTM02	373	Date Date (YYMMDD) <i>Use of this data element is required.</i>	X DT 6/6
Must Use	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use of this data element is required.</i>	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Must Use	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **AMT** Monetary Amount
Position: 050
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount TT Total Transaction Amount	M ID 1/2
Must Use	AMT02	782	Monetary Amount Monetary amount <i>1. If the original transaction set was an 810 the data from TDS01 will appear here.</i> <i>2. If the original transaction set was an 820 the data from BPR02 will appear here.</i> <i>3. If the original transaction set was an 812 the data from BCD04 will appear here.</i>	M R 1/15
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

Segment:	TED Technical Error Description
Position:	070
Loop:	TED
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:	
Semantic Notes:	
Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TED01	647	Application Error Condition Code Code indicating application error condition	M ID 1/3
			007 Missing Data	
			009 Invalid Date	
			802 Invalid Debit or Credit Flag Code	
			803 Missing or Invalid Payment Method Code	
			812 Missing Transaction Reference or Trace Number	
			813 Missing or Invalid Payee Name and Address	
			815 Duplicate Batch	
			817 Duplicate Trace Number	
			818 Missing Control Totals	
			819 Control Totals Amount Error	
			820 Control Totals Count Error	
			DUP Duplicate Transaction	
			The identical transaction has been transmitted more than once within the same input file	
			INC Incomplete Transaction	
			Optional Element(s) required by the application are missing	
	TED02	3	Free Form Message Free-form text	O AN 1/60
			<i>See descriptions for error codes in data element TED01.</i>	
Must Use	TED03	721	Segment ID Code Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	O ID 2/3
			<i>Use of this data element is required.</i>	
Must Use	TED04	719	Segment Position in Transaction Set The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	O N0 1/6
			<i>Use of this data element is required.</i>	
Must Use	TED05	722	Element Position in Segment This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	O N0 1/2
			<i>Use of this data element is required.</i>	

Must Use	TED06	725	Data Element Reference Number	O	N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary		
			<i>Use of this data element is required.</i>		
Must Use	TED07	724	Copy of Bad Data Element	O	AN 1/99
			This is a copy of the data element in error		
			<i>Use of this data element is required.</i>		
	TED08	961	Data Element New Content	O	AN 1/99
			New data which has replaced erroneous data		

Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:**Semantic Notes:**

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: *The NTE segment is listed for future use.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		<i>Use of this data element is required.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use NTE02	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **LM** Code Source Information
Position: 085
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 086
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	